



## MITIGATED DETERMINATION OF NONSIGNIFICANCE

**Description of proposal:** **Description of proposal:** The Larson Lake timber sale, application No. 30-084835, and attached Forest Practice Application #2610417, will combine variable retention and uneven aged harvest methods. The harvest is composed of five units totaling 195 gross proposal acres. Net cruise acreage for the sale consists of 184 acres, with variable retention harvest comprising 177 acres, and uneven aged harvest including 7 acres. Unit 1 of the proposed timber sale is 28 acres in size. Unit 2 contains 65 acres. Unit 3 is 17 acres, Unit 4 is 67 acres in size, and Unit 5, the uneven aged harvest, is 7 acres. The proposed timber sale lies within the Chimakum WAU. The harvest will generate an estimated 4,700 mbf of timber.

**Description of mitigation:** The following Habitat Conservation Plan (HCP) procedures apply:

Northern Spotted Owl: (Procedure PR-14-004-120)

The proposal is not located within northern spotted owl habitat.

Marbled Murrelet: (Procedure PR-14-004-320)

The proposal is not located within marbled murrelet habitat.

Riparian and Wetland Management Zones (RMZ/WMZ): (Procedure PR-14-004-150)

All streams and wetlands adjacent to or within the sale area will receive protection that meets or exceeds HCP requirements. No harvest will occur within RMZs, including the extended 100 foot RMZ/WMZ applied to a stream associated wetland.

Harvest will occur within three WMZs (deemed Unit 5). Wetlands within the WMZs measure greater than 0.25 acres but not more than 1.0 acre in size. The WMZs measure 100 feet in width. The harvest prescription for the WMZ is a partial cut consisting of basal area reduction to an average of 120 square feet/acre, and retention of the dominant/co-dominant canopy strata containing wind-firm trees. Uptake and transpiration of groundwater will be maintained by leaving an average basal area greater than 120 square feet/acre in areas prone to soil saturation. Tree species left after harvest will include red alder, Douglas fir, hemlock, and western red cedar.

Planned road construction will travel through a WMZ of Unit 5. On-site and in-kind equal acreage mitigation has been provided in accordance with DNR's wetland policy. The loss in square foot basal area reduction as a result of road building has been compensated by providing for a basal area higher than 120 square feet/acre in other parts of the WMZ. Of the 0.03 acres of road planned to be constructed through the WMZ, an additional 0.03 acres of forested land has been added to the WMZ. This additional acreage has been attached to the original WMZ near the planned road construction.

Two Type 3 waters adjacent to the proposed sale area are associated with a wetland greater than 1 acre in size. These two streams and their associated wetlands have been protected by a 153 foot site index buffer width RMZ, and an additional 100 foot WMZ extending from the delineated wetland edge. No harvest will occur within the RMZ/WMZ.

**Protection of Type 5 Water:**

Two Type 5 waters are located adjacent to or within the proposed timber sale area. A 30 foot No Equipment Zone will be required on a Type 5 Stream located inside the proposed sale area.

Slope Stability: (Procedure PR-14-004-050)

Landslide Hazard Zonation project mapping and topographic maps were used to assess the proposal for areas of potential instability. Areas of interest were field inspected by the lead forester, Slope Stability Specialist, and a Forest Practice official for the Department of Natural Resources. Areas of potential slope instability have been excluded from the proposed harvest area.

Old Growth: (Procedure PR 14-004-045, Policy PO 14-008)

A memo has been prepared for the Board of Natural Resources that outlines any removals of older structurally unique trees within the proposed sale area. Any old growth residual trees that did not inhibit necessary road location, compromise safety around landing and processing areas, or hamper logging operations were identified and protected.

Retention Trees: (Procedure PR-14-006-090)

Leave trees have been grouped into leave tree areas and also designated as individually dispersed green retention trees throughout the units. Leave trees within the proposed sale area average 8 per acre.

Roads: Proposed road work includes 5,155 feet of optional pre-haul maintenance, 13,976 feet of required pre-haul maintenance, and 7,257 feet of optional construction. Rock for this proposal may be obtained from an onsite source, the Paradise Pit, or a commercial source.

Cultural Resources: (Procedure PR-14-004-030)

No cultural resources have been identified in or around the sale area.

For added details on all mitigation measures consult the SEPA Checklist for this proposal.

**Proponent:** Department of Natural Resources – Olympic Region

**Location of proposal, including street address, if any:**

Unit 1: SW ¼ NW ¼ Sec. 13 T28N R01W, W.M.

Unit 2: S ½ NE ¼ Sec. 13 T28N R01W, W.M.

Unit 3: S ½ NE ¼, N ½ SE ¼, Sec. 16 T28N R01W, W.M.

Unit 4: E ½ SE ¼ Sec. 16 T28N R01W, W.M.

N ½ NE ¼ Sec. 21 T28N R01W, W.M.

Unit 5: SW ¼ NW ¼ Sec. 13 T28N R01W, W.M.

Rock Pit: NW ¼ NW ¼ Sec. 34 T28 R01E, W.M.

**Lead agency: Washington State Department of Natural Resources**

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

☐ **There is no comment period for this Mitigated DNS.**

☒ **This MDNS is issued under 197-11-340(2); the lead agency will not act on this proposal for 14 days from March. Comments must be submitted by \_\_\_\_\_.**

**Responsible official** Sue Trettevik  
**Position/title** Acting Region Manager **Phone** 360-374-2800  
**Address** Department of Natural Resources - Olympic Region  
411 Tillicum Lane  
Forks, WA 98331

**Date** 2/25/10

**Signature** Susan K. Trettevik

**There is no agency SEPA appeal.**

11/09/00